

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 11, 12 and 26 in accordance with the following:

1-10. (CANCELLED)

11. (Currently Amended) A method for transmitting data in a radio communication system, comprising:

transmitting data from a transmitting station to a data-receiving station over at least two relay stations, each relay station receiving and forwarding the data;

generating requests for retransmission if it is determined that the received data is not sufficiently free of errors, the requests for retransmission being generated only at the receiving station;

transmitting the requests for retransmission from the receiving station through at least one of the relay stations; and

retransmitting the data from the transmitting station if a request for retransmission is received through the at least one relay station from the receiving station.

12. (Currently Amended) The method for transmitting data in a radio communication system, comprising:

transmitting data from a transmitting station to a data-receiving station over at least two relay stations, each relay station receiving and forwarding the data;

acknowledging receipt of the data with an acknowledgement by the data-receiving station;

transmitting requests for retransmission from the data-receiving station through at least one of the relay stations; and

retransmitting the data in the event of unsuccessful transmission of the data, when the acknowledgement is not received, retransmission of the data being controlled only by the transmitting station.

13. (Previously Presented) The method according to claim 11, wherein
at least one of the relay stations checks the data received from the transmitting station
with regard to reception quality,

if the reception quality does not meet a determined level of quality of the received data,
the relay station does not forward said data to the receiving station, and

if the reception quality meets the determined level of quality of the received data, the
relay station does forward said data to the receiving station.

14. (Previously Presented) The method according to claim 13, wherein
the relay stations receive the data in parallel and check the reception quality of the
received data,

a first relay station receives the data with acceptable reception quality, and
only the first relay station transmits the data to the receiver station.

15. (Previously Presented) The method according to claim 13, wherein
error correction and/or error detection is performed in at least one of the relay stations prior to
forwarding the data.

16. (Previously Presented) The method according to claim 11, wherein
a plurality of the relay stations receive the data in parallel, check the reception quality of
the data and produce a reception result, and

in at least a first relay station, a determination is made on whether or not to forward the
data based on the reception result of the first relay station and based on the reception result of
another relay station.

17. (Previously Presented) The method according to claim 11, wherein
the transmitting station, the receiving station and at least some of the relay stations belong to a
radio communication system communicating on a single frequency.

18. (Previously Presented) The method according to claim 11, wherein
the data is forwarded over different parallel paths via different relay stations, and
the data is preemphasized and/or deemphasized in the relay stations.

19. (Previously Presented) The method according to claim 11, wherein

the data is forwarded over different parallel paths via different relay stations, and
the data is decoded and/or encoded in the relay stations.

20. (Previously Presented) The method according to claim 11, wherein
the data is transmitted in parallel over different paths, and
the data is received overlaid at the receiver station and processed jointly.

21. (Previously Presented) The method according to claim 12, wherein
at least one of the relay stations checks the data received from the transmitting station
with regard to reception quality,
if the reception quality does not meet a determined level of quality, the relay station does
not forward said data to the receiving station, and
if the reception quality meets the determined level of quality, the relay station does
forward said data to the receiving station.

22. (Previously Presented) The method according to claim 21, wherein
the relay stations receive the data in parallel and check the reception quality of the
received data,
a first relay station receives the data with acceptable reception quality, and
only the first relay station transmits the data to the receiver station.

23. (Previously Presented) The method according to claim 21, wherein
error correction and/or error detection is performed in at least one of the relay stations
prior to forwarding the data.

24. (Previously Presented) The method according to claim 12, wherein
a plurality of the relay stations receive the data in parallel, check the reception quality of
the data and produce a reception result, and
in at least a first relay station, a determination is made on whether or not to forward the
data based on the reception result of the first relay station and based on the reception result of
another relay station.

25. (Previously Presented) The method according to claim 12, wherein
the transmitting station, the receiving station and at least some of the relay stations belong to a

radio communication system communicating on a single frequency.

26. (Currently Amended) A relay station of a radio communication station, comprising:
a receiving device to receive data destined for a receiving station;
an analyzing device to analyze said data with regard to its reception quality and produce a reception result; and
a transmitting device to selectively forward the data to the receiving station, depending on directly receiving the reception result of the analyzing device.

27. (Previously Presented) The relay station according to claim 26, wherein
the data is transmitted in parallel to a plurality of relay stations, and
the relay station forwards the data only if its data reception is superior to that of other relay stations.

28. (Previously Presented) The relay station according to claim 26, further comprising a processing device to preemphasize and/or deemphasize the data.

29. (Previously Presented) The relay station according to claim 26, further comprising a processing device to decode and/or encode the data.

30. (Previously Presented) The relay station according to claim 26, further comprising a processing device to decode the data, preemphasize and/or deemphasize the data and then re-encode the data.